BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work : ***Estimate for the Maintainance and Emergency work in ward no 07 Byataraynapura***

Est. Cost: Rs. 15.00 Lakhs

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	(A) Preparation of Lord Ganesh Moorthy Immersion at Rachanahalli Tank								
1	Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing of the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50m and all lifts								
		Cum	1	12.00	12.00	2.50	360.00		
							360.00	104.00	37440.00
2	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)								
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12	Vide Item No. 1				360.00	73.57	37699 / 26485
	Add loading and unloading charges Vide item no.17.1 P.no.130	63.00	Day						
		68.12							
	Area Weightage @ 8%	5.45							
	Total	73.57							
3	Supply of Water through water tanker to immersion Tank								
	filling of Resh Water to Immersion Tank	Per Load	140				140.00	350.00	49000.00
4	HOM for pumping of 3.5 KL / Hr capacity pump (Page No. XXXXVI, Sl. No. 49 SR 2015-16								
	Pumping of Waste Water from Immersion Tank	Hr	4 No x 10 dayx				400.00	50.00	20000.00
	Basic Rate	50.00							
5	KSRRB 2-1.1 : Earthwork excavation in Ornary soil for leveling and Lowring the ground manually (other than foundation of Buildings culverts road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5 m excavated surface leveled and nearly dressed disposed earth to be leveled after breaking clods and neatly dressed as per specifications. specification no KBS 2.1(a) 2.3.1 pg no. 5 / Item no., 2.1/PWD SR 2015-16								
	Burm Cutting and Jungle Clearance	Cum	1	30	30	0.15	135.00		
			1	25	10	0.15	37.50		
							172.50	156.88	27062.00
	Basic Rate	148.00							
	Area Weightage @ 6%	8.88							
	Total	156.88							
6	Supplying and Spreading Stonedust for the Exsisting surface to fix Shamiyana etc. (Page No. II, Item No. 50) 2014-15 SR								
		Cum	1	30	30	0.013	11.25		
			1	25	10	0.013	3.25		
							14.50	750.00	10875.00

	Providing and Fixing flex board and caution boards for the publics to take suitable precautions								
		Nos	2	1.5	1.2		3.60		
			8	1.5	0.9		10.80		
							14.40	200.00	2880.00
8	Hire Charges for Armless Plastic Chairs								
	for 50 Chairs for 15 days	Nos	50	15			750.00	4.00	3000.00
9	Hire Charges for Steel Table of Size 6'x4'								
	Rs. 40 Per Day, For 15 Days	Nos	8x15				120.00	40.00	4800.00
10	Hire charges for supplying and running circuit service main with sheathed aluminium wire and insulators								
			2	260			520.00	12.00	6240.00
11	Hire charges for Providing Mike system including amplyfire sound box, etc. for anouncement to take suitable precuationary measures								
			11	1			11.00	1200.00	13200.00
12	Hire Charges for Shamiyana Side Wall of 8ft light (Size ss x 200 Ft = 220 Rft)								
		Rft	5	60			300.00	5.00	1500.00
13	Hire charges for Shamiyana with necessary Bamo Poles Erection Charges including transportation								
	Rs. 15 Per/Sft Day		5	600			3000.00	15.00	45000.00
	Size 30' x 20'	600.00							
14	Hire charges for supplying and running circuit service main with necessary messanger wire and reel insulators and maintaining the same 4 of 25 Sqm PVC insulted and sheathedaluminium wire (KPWD SR 2015-16 P. 55/I 6 ii b)								
			3x250				750.00	10.00	7500.00
15	Hire charges for Flood lighting Arrangements for the stage and existing Immersion Tank during night time		16	8			128.00	285.00	36480.00
16	Hire charges for Shamiyana with necessary Bamboo Poles Erection Charges including transportation								
		Sft							
	Rs. 15 Per/Sft Day for 15 days		15	20	15		4500.00	14.00	63000.00
17	Hire Charges for Shamiyana Side Wall of 9ft light (Size 8 x 15 Ft = 120Sft) for 15 days								
		Sft	15	60		8	7200.00	5.00	36000.00
18	Engaging unskilled heavy Mazdoor labour for Guarding and for helping the public to immersion tank Ganesh Idols and to safe guard the public during the Pooja Time pg no L.11, sl no 05, 2015-16								
	During day = 8 labours		25 x 15				375.00	243.55	91331.00
	During Night = 17 labours								
19	Hire charges for Providing Flood lights for the stage		9 x 4				36.00	285.00	10260.00

	1321 Hire Charges of 100KVA Generator including opertator, Fule, Transportation and Handling charges (PWD SR 2015-16) (P. XXXXIX/ Item 92)								
	15x8=120 (8 Hours per day)	Hrs	120				120.00	630.00	75600.00
21	Hire charges for Providing Flood lights for the Existing Immersion tank for immersion the lord Ganesh Idols During Night time								
			15	9			135.00	285.00	38475.00
22	Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing of the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50m and all lifts								
		Cum	1	12	12	2.5	360.00		
							360.00	104.00	37440.00
23	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)								
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12	Vide Item No.				360.00	73.57	37699.00
	Add loading and unloading charges Vide item no.17.1 P.no.130	63.00	Day						26485/-
		68.12							
	Area Weightage @ 8%	5.45							
	Total	73.57							
24	Supply of Water through water tanker to immersion Tank								
	filling of fresh Water to Immersion Tank	Per Load	68				68.00	350.00	23800.00

(B) Construction of Cross Drainage

25	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2015-16								
	C.DS	Cum	7	8.00	1.80	0.90	90.72		
							90.72	192.24	**17440.00**
	Basic Rate	178.00							
	Area Weightage @ 8%	14.24							
	Total	**192.24**							
26	KSRB 4-1.3: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.3) SR-2015-16								
	C.DS	Cum	7	8.00	1.80	0.15	15.12		
							15.12	5070.60	**76667.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	**5070.60**							
27	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 23, I.No. 5.6) SR-2015-16								
	C.DS	Cum	7X2	8.00	0.60	0.60	40.32		
							40.32	4135.32	**166736.00**
	Basic Rate	3829.00							
	Area Weightage @ 8%	306.32							
	Total	**4135.32**							

	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P 15, I.No 4.28) SR-2015-16								
	C.DS	Sqm	7	8.00	0.60		33.60		
	Side		14	6.00	0.23		19.32		
			14	1.80	0.23		5.80		
							58.72	244.08	**14331.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
29	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-3320Kg/cum) (P. 18, I.No. 4.48 SR 2015-.16								
	C.DS	Cum	7	8.00	1.80	0.23	23.18		
	Cvering Slab		295	1.20	0.60	0.10	21.24		
							44.42	6332.04	**281295.00**
	Basic Rate	5863.00							
	Area Weightage @ 8%	469.04							
	Total	**6332.04**							
30	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P. 17, I.No. 4.46.2) SR-2015-16								
	C.DS	Ton	7	8.00	1.80	0.23	23.18		
	23.18x100Kg/Cum						**2318.00**		
	21.24X40kg						**849.00**		
							3167.00		
							3.17	69805.80	**221075.00**
	Basic Rate	64635.00							
	Area Weightage @ 8%	5170.80							
	Total	**69805.80**							
31	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.112.I.No. 15.3) SR-2015-16								
	C.DS	Sqm	7	8.00		0.60	33.60		
							33.60	99.36	**3338.00**
	Basic Rate	92.00							
	Area Weightage @ 8%	7.36							
	Total	**99.36**							
32	Missalaneous and Rounding								2837.00
								TOTAL	1500000.00

Administrative Approval
Accorded For ...15,00,000/-
Head of A/C...P-1771...
CER NO :...67..... Dt:..14.12.2015

TECHNICAL SANCTION
Accorded For Rs....15,00,000/-
Head of A/c....P-1771
Div. Ref. No....2838.....Date....14.12.15

Fifteen Lakhs Only

TA CE (YNK)

CERTIFICATE

1 Certified that I have personally inspected the Area, Roads & Prepared the Estimate.
2 Certified that the work proposed in this estimate is not including in any other scheme.
3 Certified that the estimate is prepared as per 2014-15 SR of PWD.

AE
Assistant Engineer
Ward No. 7

EE(BTP)
15/12

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP
8/12/15